

What is claimed is:

1. A stoplight switch comprising:
  - a cylindrical case made of insulating resin having an open upper surface;
  - 5 a sliding body housed in said case in a manner vertically movable;
  - a switch contact for making electric connection and disconnection by vertical movement of said sliding body;
  - an action rod having a bottom end that is inserted into said sliding body;
  - 10 a cover for covering the opening of said case having a through-hole through which said action rod projects upward;
  - a roughly U-shaped engagement spring supported by said sliding body; and
  - 15 a spacer for keeping said engagement spring in an expanded state in a manner such that the pressing section thereof extends out from the bottom surface or side surface of said case and a contact section thereof comes into contact with an end portion of said U-shaped engagement spring, wherein
  - 20 the end portion of said engagement spring is detached from said contact section and closed by the upward movement of said spacer so that said action rod can be secured relative to said sliding body.
2. The stoplight switch of claim 1 further comprising:
  - a slant portion on the bottom surface of said contact section of said
  - 25 spacer.
3. The stoplight switch of claim 1 further comprising:
  - a projecting section at the bottom end of said action rod wherein said

projecting section engages said sliding body or said engagement spring.

4. The stoplight switch of claim 1 further comprising:  
perception means for indicating position of said pressing section in  
between the pressing section of said spacer and said case.

5 5. A method for mounting a stoplight switch, said stoplight  
switch comprising:

a cylindrical case made of insulating resin having an open  
upper surface;

10 a sliding body housed in said case in a manner vertically  
movable;

a switch contact for making electric connection and  
disconnection by vertical movement of said sliding body;

an action rod having a bottom end that is inserted into said  
sliding body;

15 a cover for covering the opening of said case and having a  
through-hole through which said action rod projects upward;

a roughly U-shaped engagement spring supported by said  
sliding body; and

20 a spacer for keeping said engagement spring in an expanded  
state in a manner such that the pressing section thereof

extends out from the bottom surface or side surface of said  
case and a contact section thereof comes into contact with an

end portion of said U-shaped engagement spring, wherein

25 the end portion of said engagement spring is detached from said  
contact section and closed by the upward movement of said

spacer so that said action rod can be secured relative to said  
sliding body,

wherein said stoplight switch is first mounted on a bracket for mounting a brake pedal and then said spacer is moved upward by upwardly pushing said pressing section thereby securing said sliding body and said action rod.